About IEEE IEEE Mer	mberships Products and Services Conferences IEEE Organizations News Home
IEEE	Xplore TM Sear
elcome to IEEE <i>Xplore</i> * — Home — Log-out	Your search matched 2 of 593006 documents. Results are shown 50 to a page, sorted by publication year in descending order. You may refine your search by editing the current search expression or entering a new one the te Then click Search Again.
ables of Contents	((high speed network and ethernet and frame) and ((1988 <in> py) or (1989 <in> py) or</in></in>
O- Journals & Magazines	Search Again
O- Conference Proceedings	Results: Journal or Magazine = JNL Conference = CNF Standard = STD
O- Standards	Multiprocessor system for interconnection of Ethernet and FDDI ne
earch	using ATM via satellite
O- By Author O- Basic O- Advanced	Lutas, D.; Linge, N.; Robinson, N.; Ball, E.; Ashworth, J.; Gibbs, D. Computers and Digital Techniques, IEE Proceedings-, Volume: 143 Issue: 1 1996 Page(s): 69 -78
Nember Services O- Join IEEE	[Abstract] [PDF Full-Text] JNL
- Establish IEEE Web Account	2 An experimental study of video traffic on an Ethernet local area ne Gupta, S.; Williamson, C.L.
	Global Telecommunications Conference, 1994. GLOBECOM '94. Communicat Global Bridge., IEEE, 1994

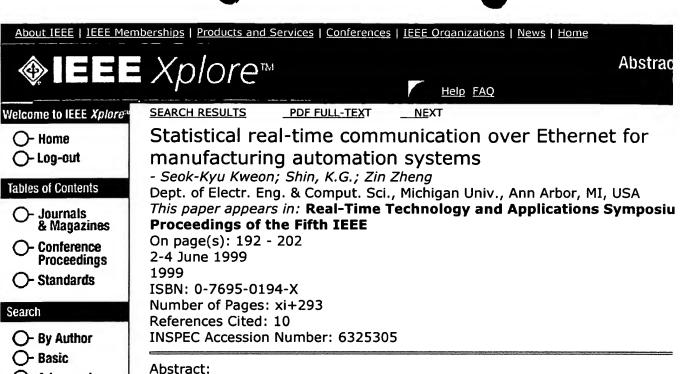
[Abstract] [PDF Full-Text] CNF

Page(s): 558 -562 vol.1

<u>Home</u> | <u>Log-out</u> | <u>Journals</u> | <u>Conference Proceedings</u> | <u>Standards</u> <u>Search by Author</u> | <u>Basic Search</u> | <u>Advanced Search</u> | <u>Join IEEE</u> | <u>Establish a Web Account</u>

Copyright © 2000 IEEE -- All rights reserved

í



O- Advanced

Member Services

O- Join IEEE

Establish IEEE

Web Account

In order to realize real time communication over Ethernet or fast Ethernet, on able to bound the medium access time within an acceptable limit. The multiple nature of an Ethernet makes it impossible to quarantee a deterministic medium time to individual stations. However one can bound the medium access time s by limiting the packet arrival rate at the medium access control (MAC) layer. W focusing on automated manufacturing systems as the main application, the pa considers the connection admission control (CAC) problem for statistically bou medium access time of Ethernet. Specifically, a packet is guaranteed to have access time smaller than a predefined bound with a certain probability if the instantaneous packet arrival rate is kept below a certain threshold. Through a we first derived such a threshold. In order to keep the packet arrival rate unde given threshold, we employ a traffic smoother which: (i) is located between th transport layer and the Ethernet datalink layer and (ii) smooths packet stream the two layers. The implementation of this traffic smoother requires only a mi change in the OS kernel without any modification to the current standard of E MAC protocol or TCP or UDP/IP stack. In order to solve the CAC problem, we d probability of transmitting a packet successfully upon each trial by modeling t protocol, 1-persistent CSMA/CD, and the collision resolution protocol, Binary E Backoff, of Ethernet. We implemented a traffic smoother on the Linux OS, dem the effectiveness of our approach in providing real time communication over E

Index Terms:

local area networks; statistical real time communication; manufacturing autom systems; fast Ethernet; medium access time; deterministic medium access tim arrival rate; medium access control layer; automated manufacturing systems; connection admission control; instantaneous packet arrival rate; traffic smoot transport layer; Ethernet datalink layer; packet streams; OS kernel; Ethernet protocol; TCP; UDP/IP stack; CAC problem; probability; MAC protocol; 1-persi CSMA/CD; collision resolution protocol; Binary Exponential Backoff; Linux OS

SEARCH RESULTS PDF FULL-TEXT <u>NE</u>XT

> Home | Log-out | Journals | Conference Proceedings | Standards Search by Author | Basic Search | Advanced Search | Join IEEE | Establish a Web Accou

	Spinite Products and Services Conferences IEEE Organizations News Home Xplore Help FAQ	Sear
Welcome to IEEE Xplore* - Home - Log-out Tables of Contents - Journals & Magazines - Conference Proceedings - Standards	Your search matched [0] of [593006] documents. You may refine your search by editing the current search expression or a new one the text box. Then click search Again. Ethernet MAC and (wakeup or wake-up) and (functions or signals)	ente
	Search Again OR Use your browser's back button to return to your original search page.	
Search	Results: No documents matched your query.	

About IEEE IEEE Men	nberships Products and Services Conferences IEEE Organizations News Home
	Xplore™ Sear
Welcome to IEEE Xplore* - Home - Log-out Tables of Contents	Your search matched 3 of 593006 documents. Results are shown 50 to a page, sorted by publication year in descending order. You may refine your search by editing the current search expression or entering a new one the te Then click Search Again. ethernet mac or (medium access controller) and chip
O- Journals	Search Again
& Magazines - Conference Proceedings	Results: Journal or Magazine = JNL Conference = CNF Standard = STD
O- Standards	Statistical real-time communication over Ethernet for manufacturin
Search O- By Author O- Basic O- Advanced Member Services O- Join IEEE	automation systems Seok-Kyu Kweon; Shin, K.G.; Zin Zheng Real-Time Technology and Applications Symposium, 1999. Proceedings of th IEEE, 1999 Page(s): 192 -202 [Abstract] [PDF Full-Text] CNF
O- Establish IEEE Web Account	2 Built-in self-test of the Macrolan chip Illman, R.; Clarke, S. IEEE Design & Test of Computers, Volume: 7 Issue: 2, April 1990 Page(s): 29 -40
	[Abstract] [PDF Full-Text] JNL
	3 Built in self test of the Macrolan chip Illman, R.; Clarke, S. Test Conference, 1989. Proceedings. Meeting the Tests of Time., Internation Page(s): 735 -744

[Abstract] [PDF Full-Text] CNF

- -	Xplore™ Sea
	Help FAQ
plore	Your search matched 11 of 593006 documents.
	Results are shown 15 to a page, sorted by publication year in descending order.
	You may refine your search by editing the current search expression or entering a new one the te Then click Search Again .
	((communications <in> ti)) and (ethernet <in> ti)</in></in>
	Search Again
	Results: Journal or Magazine = JNL Conference = CNF Standard = STD
	Optimization of wide-area ATM and local-Area Ethernet/FDDI nety
	configurations for high-speed telemedicine communications employ
	NASA's ACTS
	McDermott, W.R.; Tri, J.L.; Mitchell, M.P.; Levens, S.P.; Wondrow, M.A.; Hu Khandheria, B.K.; Gilbert, B.K.
	IEEE Network , Volume: 13 Issue: 4 , July-Aug. 1999
	Page(s): 30 -38
	[Abstract] [DDE Eull Toyt] 188
	[Abstract] [PDF Full-Text] JNL
	2 Statistical real-time communication over Ethernet for manufacturi
	automation systems
	Seok-Kyu Kweon; Shin, K.G.; Zin Zheng
	Real-Time Technology and Applications Symposium, 1999. Proceedings of t
	IEEE , 1999 Page(s): 192 -202
	1 agc(3), 172 -202
	[Abstract] [PDF Full-Text] CNF
	3 A 3.3 V analog adaptive line-equalizer for fast Ethernet data comm
	Babanezhad, J.N.
	Custom Integrated Circuits Conference, 1998. Proceedings of the IEEE 1998
	Page(s): 343 -346
	[Abstract] [PDF Full-Text] CNF
	4 ATM and fast Ethernet network interfaces for user-level communic
	- 4 A I M AND TAST ETHERNEL HELWOLK HILEFIACES FOL USEL TOVEL COMMINGHIS
	Welsh, M.; Basu, A.; von Eicken, T.
! !	<i>Welsh, M.; Basu, A.; von Eicken, T.</i> High-Performance Computer Architecture, 1997., Third International Sympo 1997
	Welsh, M.; Basu, A.; von Eicken, T. High-Performance Computer Architecture, 1997., Third International Sympo

5 An error control scheme for Ethernet-based real-time communicati

Junghoon Lee; Seungjun Park

Real-Time Computing Systems and Applications, 1996. Proceedings., Third International Workshop on , 1996

Page(s): 214 -219

[Abstract] [PDF Full-Text] CNF

6 A bandwidth reallocation scheme for Ethernet-based real-time communication

Junghoon Lee; Heonshik Shin

Real-Time Computing Systems and Applications, 1995. Proceedings., Secon International Workshop on , 1995

Page(s): 28 -33

[Abstract] [PDF Full-Text] CNF

7 Performance of VBR Packet Video Communications on an Ethernet Trace-Driven Simulation Study

Edwards, F.; Schulz, M.

Computers and Communications, 1994., IEEE 13th Annual International Pho Conference on , April 12-15 1994

Page(s): 427

[Abstract] [PDF Full-Text] CNF

8 Introducing video communications into fiber optic Ethernet

Dianguang, M.; Yulin, L.

Networks, 1993. International Conference on Information Engineering '93. 'Communications and Networks for the Year 2000', Proceedings of IEEE Sing International Conference on , Volume: 1 , 1993

Page(s): 67 -70 vol.1

[Abstract] [PDF Full-Text] CNF

9 Measurement of packet generation and communication characteris Ethernet system

Morino, Y.; Takahara, M.

Singapore ICCS/ISITA '92. 'Communications on the Move', 1990

Page(s): 958 -962 vol.2

[Abstract] [PDF Full-Text] CNF

10 A cryptographic protocol to obtain secure communications in exte Ethernet environment

Simon, X.; Melus, J.L.; Recacha, F.

Local Computer Networks, 1992. Proceedings., 17th Conference on , 1992

Page(s): 254 -261

[Abstract] [PDF Full-Text] CNF



Ciapala, E.; Collier, P.; Lienard, P.

Particle Accelerator Conference, 1991. Accelerator Science and Technology., Conference Record of the 1991 IEEE , 1991

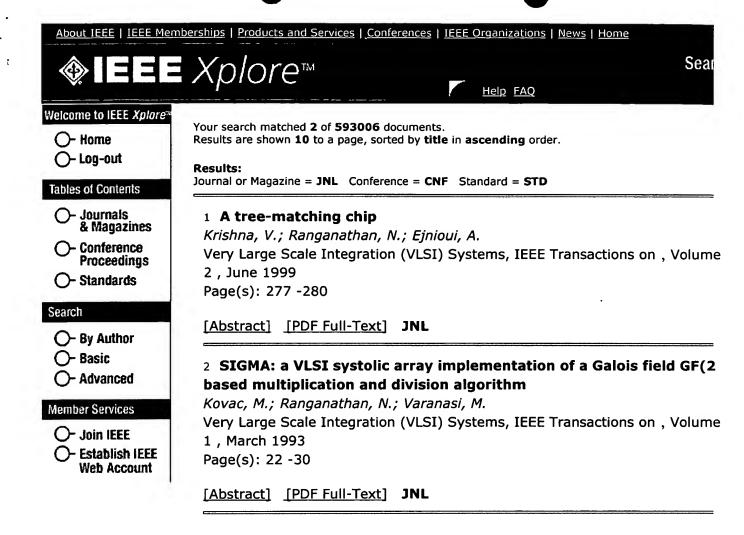
Page(s): 1490 -1492 vol.3

[Abstract] [PDF Full-Text] CNF

Home | Log-out | Journals | Conference Proceedings | Standards
Search by Author | Basic Search | Advanced Search | Join IEEE | Establish a Web Account

	Sea Products and Services Conferences IEEE Organizations News Home Help FAQ
Welcome to IEEE Xplore Home Log-out Tables of Contents Journals Magazines Conference Proceedings Standards Search By Author Basic Advanced	Your search matched 2 of 593006 documents. Results are shown 15 to a page, sorted by publication year in descending order. You may refine your search by editing the current search expression or entering a new one the term of the click Search Again. (ethernet interface <in> ti) Search Again Results: Journal or Magazine = JNL Conference = CNF Standard = STD 1 Specification and design of an ethernet interface soft IP Fragoso, J.; Costa, E.; Rochol, J.; Bampi, S.; Reis, R. Integrated Circuits and Systems Design, 1999. Proceedings. XII Symposium Page(s): 216 -219 [Abstract] [PDF Full-Text] CNF</in>
Member Services Join IEEE Establish IEEE Web Account	2 Adaptive rate subscriber loop data transmission using Ethernet in Takaya, N.; Dodds, D.E.; McCrosky, C.D. Circuits and Systems, 1996., IEEE Asia Pacific Conference on , 1996 Page(s): 207 -210 [Abstract] [PDF Full-Text] CNF
VIEW ADOUGHT	

<u>Home</u> | <u>Log-out</u> | <u>Journals</u> | <u>Conference Proceedings</u> | <u>Standards</u> <u>Search by Author</u> | <u>Basic Search</u> | <u>Advanced Search</u> | <u>Join IEEE</u> | <u>Establish a Web Account</u>



ADOUT LEEL LEEL FIC	mberships Products and Services Conferences IEEE Organizations News Home
♠ IEEE	EXplore™ FAQ Sear
Velcome to IEEE <i>Xplore</i> * — Home — Log-out	Your search matched 3875 of 593006 documents. Results are shown 15 to a page, sorted by publication year in descending order. You may refine your search by editing the current search expression or entering a new one the te Then click Search Again .
Tables of Contents	(wake-up functions) and (local area network) or(lan)
O- Journals & Magazines	Search Again
O- Conference Proceedings	Results: Journal or Magazine = JNL Conference = CNF Standard = STD
Search - By Author - Basic	Supplement To IEEE Standard For Information Technology- Telecommunications And Information Exchange Between Systems-I Metropolitan Area Networks- Specific Requirements- Part 11: Wirele Medium Access Control (MAC) And Physical Layer (PHY) Sp IEEE Std 802.11b-1999, 2000
O- Advanced	Page(s): i -90
Member Services	[Abstract] [PDF Full-Text] STD
O- Join IEEE O- Establish IEEE Web Account	2 Worst case equalizer for noncoherent HIPERLAN receivers Benvenuto, N.; Bisaglia, P.; Salloum, A.; Tomba, L. Communications, IEEE Transactions on , Volume: 48 Issue: 1, Jan. 2000 Page(s): 28 -36
	[Abstract] [PDF Full-Text] JNL
	3 Advanced frequency hopping modulation for spread spectrum WLA Glisic, S.; Nikolic, Z.; Milosevic, N.; Pouttu, A. Selected Areas in Communications, IEEE Journal on, Volume: 18 Issue: 1, Page(s): 16-29
	[Abstract] [PDF Full-Text] JNL
	4 Part 11: wireless LAN medium access control (MAC) and physical (PHY) specifications: high-speed physical layer in the 5 GHZ band IEEE Std 802.11a-1999, 1999 Page(s): i -82
	[Abstract] [PDF Full-Text] STD

framework

IEEE Std 802.10a-1999 , 30 July 1999 [Abstract] [PDF Full-Text] **STD**

4/26/00 9:32 AM



6 Information technology - telecommunications and information exc between systems - local and metropolitan area networks - specific requirements. Supplement to Carrier Sense Multiple Access with Coll Detection (CSMA/CD) access method and physical

IEEE Std 802.3ab-1999, 26 July 1999

[Abstract] [PDF Full-Text] STD

7 Information technology - telecommunications and information exc between systems - local and metropolitan area networks - specific requirements. Part 11: wireless LAN Medium Access Control (MAC) a Physical Layer (PHY) specifications

ISO/IEC 8802-11; ANSI/IEEE Std 802.11, 1999 edn , 20 Aug. 1999 [Abstract] [PDF Full-Text] **STD**

8 IEEE standards for local and metropolitan area networks: virtual b local area networks

IEEE Std 802.1Q-1998 , 8 March 1999
[Abstract] [PDF Full-Text] STD

9 The Iceberg project: defining the IP and telecom intersection

Raman, B.; Wang, H.J.; Shih, J.; Joseph, A.D.; Katz, R.H. IT Professional, Volume: 1 Issue: 6, Nov.-Dec. 1999

Page(s): 38 -45

[Abstract] [PDF Full-Text] JNL

10 Characterization of underfill materials for functional solder bumpe chips on board applications

Lan, J.H.; Chang, C.

Components and Packaging Technologies, IEEE Transactions on [see also Co Packaging and Manufacturing Technology, Part A: Packaging Technologies, I Transactions on], Volume: 22 Issue: 1, March 1999

Page(s): 111 -119

[Abstract] [HTML Full-text] [PDF Full-Text] JNL

11 Improved WWW multimedia transmission performance in HTTP/T ATM networks

Ruay-Shiung Chang; Chin-Dong Wang

Multimedia, IEEE Transactions on , Volume: 1 Issue: 3 , Sept. 1999

Page(s): 278 -290

[Abstract] [PDF Full-Text] JNL

12 A low-power phase-splitting adaptive equalizer for high bit-rate communication systems

Hedge, R.; Shanbhag, N.R.

Signal Processing, IEEE Transactions on , Volume: 47 Issue: 3, March 1999

Page(s): 911 -915

[Abstract] [PDF Full-Text] JNL

13 W* effect considered harmful [Internet WAP]

Khare, R.

IEEE Internet Computing, Volume: 3 Issue: 4, July-Aug. 1999

Page(s): 89 -92

[Abstract] [PDF Full-Text] JNL

14 At the core of IP networks: link-state routing protocols

Metz, C.

IEEE Internet Computing, Volume: 3 Issue: 5, Sept.-Oct. 1999

Page(s): 72 -77

[Abstract] [PDF Full-Text] JNL

15 A simple multicast configuration with classical IP over ATM: perfo comparison with FDDI and ATM LAN emulation

Kim, J.H.; Thompson, M.Y.; Ray, S.; Butler, R.C., II.

IEEE Communications Letters , Volume: 3 Issue: 7, July 1999

Page(s): 217 -219

[Abstract] [PDF Full-Text] JNL

1 <u>2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 2</u>
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 [

Home | Log-out | Journals | Conference Proceedings | Standards
Search by Author | Basic Search | Advanced Search | Join IEEE | Establish a Web Account

About IEEE IEEE Memberships Products and Services Conferences IEEE Organizations News Home			
IEEE	Xplore™ Abstrac		
Welcome to IEEE Xplore**	SEARCH RESULTS PDF FULL-TEXT NEXT		
O- Home O- Log-out	Supplement To IEEE Standard For Information Technolo Telecommunications And Information Exchange Between		
Tables of Contents	Systems- Local And Metropolitan Area Networks- Specif		
O- Journals & Magazines	Requirements- Part 11: Wireless LAN Medium Access Co (MAC) And Physical Layer (PHY) Specifications: Higher-s		
Conference Proceedings C- Standards	Physical Layer Extension In The 2.4 GHz Band This paper appears in: IEEE Std 802.11b-1999 On page(s): i - 90		
Search - By Author	20 January 2000 2000 ISBN: 0-7381-1811-7		
O- Basic O- Advanced	Abstract: Changes and additions to IEEE Std 802.11, 1999 Edition are provided to suppohigher rate physical layer (PHY) for operation in the 2.4 GHz band.		
Member Services	migrici race physical tayor (1717) for operation in the 217 one same		
O- Join IEEE O- Establish IEEE	Index Terms: 2.4 GHz, high speed, local area network (LAN), radio frequency (RF), wireless		
Web Account	SEARCH RESULTS PDF FULL-TEXT NEXT		

<u>Home</u> | <u>Log-out</u> | <u>Journals</u> | <u>Conference Proceedings</u> | <u>Standards</u> <u>Search by Author</u> | <u>Basic Search</u> | <u>Advanced Search</u> | <u>Join IEEE</u> | <u>Establish a Web Accou</u>



Instruction-Driven Wake-Up Mechanisms for Snoopy TAP Controller

Debashis Bhattacharya

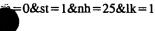
Texas Instruments Incorporated

The issue of handling multiple embedded 1149.1- compliant TAP controllers (as part of embedded cores) in a 1149.1-compliant IC, has received significant attention, in recent times. The Hierarchical TAP (HTAP) architecture, previously developed by this author, provides a systematic solution to this problem, by allowing multiple embedded TAP's to share one set of 1149.1-specified test pins on the IC. The HTAP architecture requires an augmented version of the 1149.1-specified TAP - designated the Snoopy TAP (SNTAP) - in the top-level of the design hierarchy, that handles 1149.1-specified TAP functions for the non-TAP'ed parts of the IC, and performs arbitration of the shared IC pins between multiple embedded TAPs. Previously, a mechanism was developed to wake up the SNTAP using a simple string of constant values (0 or 1) on the TMS input. Two new mechanisms to wake up SNTAP by means of an instruction scanned in, are described in this report. Both mechanisms allow embedded 1149.1-compliant TAP's to be used in a hierarchical design, as is, without any hardware modification. Moreover, both mechanisms enable reuse of the test program from the embedded TAP'ed cores, without any modification. The instructions to wake up the SNTAP - to switch access to different TAP-ed cores - can be simply inserted in-between the test programs for the embedded cores.

Proceedings of the 1999 17TH IEEE VLSI Test Symposium

Copyright (c) 1998 Institute of Electrical and Electronics Engineers, Inc. All rights reserved.







About IEEE |

Join IEEE |

Search IEEE |

IEEE Home |

Site Navigation

Contact Staff

Search IEEE-SA

IEEE-SA Home

Start new search Search these results Search entire Web

Search: ☑ IEEE Standards Websites ☑ All IEEE Sites

wake-up functions and lan

seek Help Advanced

powered by C ultraseek server

Tipe The most accurate way to search is to identify phrases within your query.

Dample: "local area network" "twisted pair"

Results for: wake-up functions and lan

Document count: functions (9728) and (90132) lan (4712) wake-up (88) wake-up functions... (86)

201411 results found, top 500 sorted by relevance

sort by date

hide summaries

1-25

85%

11 May 99

Find Similar

68%

65%

VTS: Abstract: Instruction-Driven Wake-Up Mechanisms for Snoopy TAP

Controller

The issue of handling multiple embedded 1149.1- compliant TAP controllers (as part of embedded cores) in a 1149.1-compliant IC, has received significant ...

http://boole.computer.org/CONFEREN/proceed/vts/0146/01460467abs.htm - size 2.2K - All IEEE Sites

doc.: IEEE 802.11-98/237

IEEE P802.11 Wireless LANs Proposal for a Wireless Personal Area Network Medium 13 Dec 99 Access Control and Physical Layer Protocol Date: May 20, 1998 Author: Bill Haymond Find Similar AMP Wireless ...

http://grouper.ieee.org/groups/802/15/pub/1998/May98 2/ 82376S WPAN-CFP-AMP.doc - size 298.6K-IEEE Standards Websites. All IEEE Sites

http://www.spectrum.ieee.org/INST/jan95/after5.html

10. You find yourself staring at the candy machine several times a day, unable to make a 06 Mar 00 decision. 9. You begin staring at your PC when the monitor is turned off. 8. After you Find Similar wake up from your afternoon nap and try to ...

http://www.spectrum.ieee.org/INST/jan95/after5.html - size 1.8K - All IEEE Sites

http://www.comsoc.org/tcgn/conference/gbn99/ brustoloni-presentation.pdf 62% Signaled Receiver Processing José Brustoloni, Eran Gabber and Avi Silberschatz GBN'99 8 Mar 99 1 Signaled Receiver Processing (SRP) is a new scheme for input protocol implementation Find Similar that makes the system less ...

http://www.comsoc.org/tcgn/conference/gbn99/ brustoloni-presentation.pdf - size 170.6K - All IEEE Sites

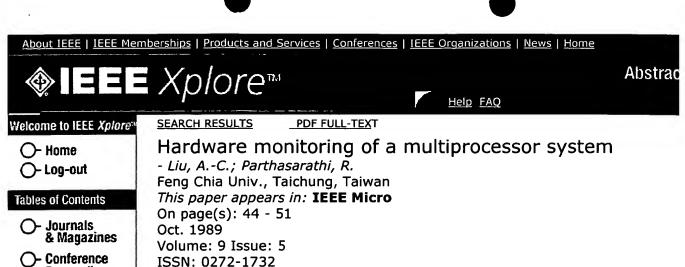
Tutorial of draft standard D3.0 of IEEE P802.11

March 1996 doc.: IEEE P802.11-96/49C 802.11 Tutorial March 96 802.11 Tutorial 802.11 MAC Entity: MAC Basic Access Mechanism Privacy and Access Control Copyright ©1996 IEEE, All rights reserved. ...

http://grouper.ieee.org/groups/802/11/Tutorial/MAC.pdf - size 369.0K - All IEEE Sites

61%

16 Oct 96 Find Similar



Search

O- By Author

Standards

Proceedings

O- Advanced

O- Basic

Member Services

O- Join IEEE O- Establish IEEE

Web Account

Abstract:

References Cited: 8

INSPEC Accession Number: 3547387

CODEN: IEMIDZ

The Testbed for Distributed Processing, or Ted, consists of Intel Corp.'s iSBC 8 board computers (SBCs) organized into groups or clusters. Each cluster consis several SBCs that communicate via a shared memory. Intercluster communica occurs through an Ethernet interface. A hardware monitor designed and imple handle the monitoring activities within a cluster in the Ted system is described specified patterns and don't-care masks, the system can detect accesses to se data, addresses, or blocks of addresses. This function helps monitor events su access or usage of a memory location or a group of mailbox addresses. It also determines the amount of time consumed by the performance of specific oper

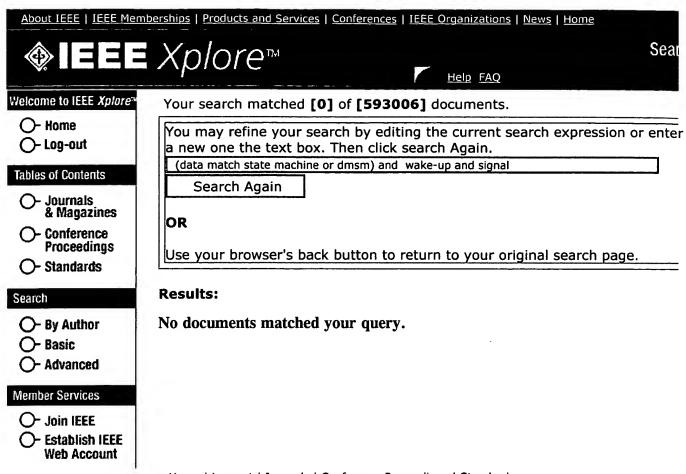
Index Terms:

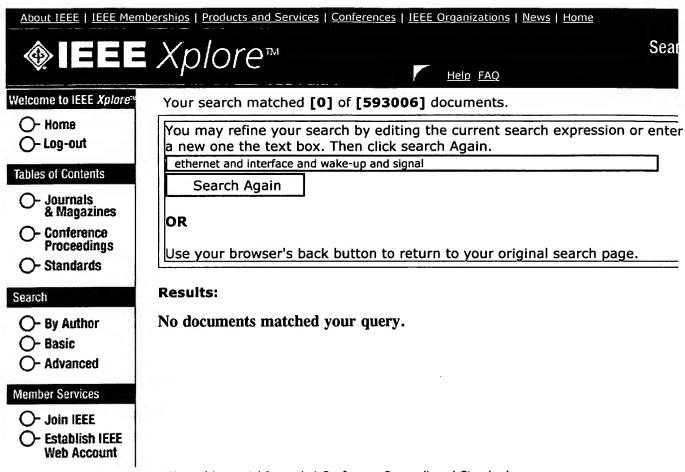
hardware monitoring; intercluster communication; multiprocessor system; Tes Distributed Processing; Ted; iSBC 8086 single board computers; Ethernet inte addresses; blocks of addresses; memory location; mailbox addresses; multipr systems; performance evaluation

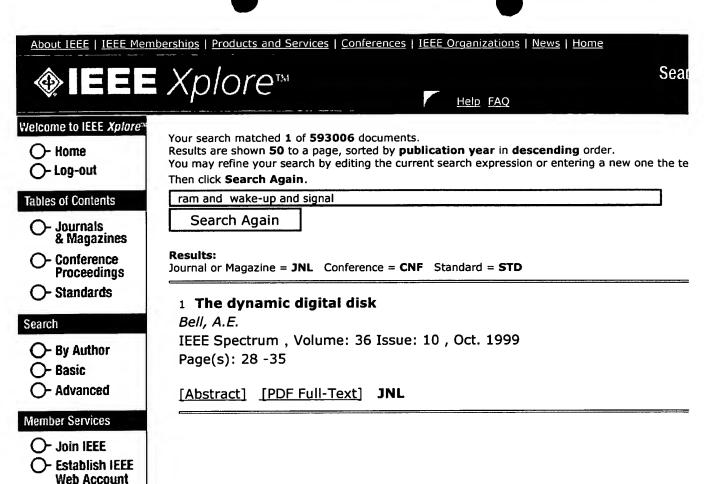
SEARCH RESULTS PDF FULL-TEXT

Home | Log-out | Journals | Conference Proceedings | Standards

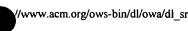
Search by Author | Basic Search | Advanced Search | Join IEEE | Establish a Web Accou







i



feedback



Page: «Back | 1 of 5 | Next»

Articles: 1-24 of 101 Ordered By Score

Search: New | Undo | Refine

Order By: Publication | Score | Publication Date

View: Brief Listing | Full Listing | Search Expression | All Articles | +Page Size | -Page Size |

register DL

subscribe DL

Help

No.	Article	Score
1)	Xunet 2 lessons from an early wide-area ATM testbed; Charles R. Kalmanek, Srinivasan Keshav, William T. Marshall, Samuel P. Morgan and Robert C. Restrick; IEEE/ACM Trans. Networking 5, 1 (Feb. 1997), Pages 40 - 55 [Find Related Articles]	47
2)	Experiences of building an ATM switch for the local area; Richard Black, Ian Leslie and Derek McAuley; <i>Proceedings of the conference on Communications architectures, protocols and applications</i> , 1994, Pages 158 - 167 [Find Related Articles]	41
3)	The measured performance of personal computer operating systems; J. Bradley Chen, Yasuhiro Endo, Kee Chan, David Mazières, Antonio Dias, Margo Seltzer and Michael D. Smith; <i>ACM Trans. Comput. Syst.</i> 14, 1 (Feb. 1996), Pages 3 - 40 [Find Related Articles]	35
4)	A cost-effective, high-bandwidth storage architecture; Garth A. Gibson, David F. Nagle, Khalil Amiri, Jeff Butler, Fay W. Chang, Howard Gobioff, Charles Hardin, Erik Riedel, David Rochberg, Jim Zelenka and Jim Zelenka; Proceedings of the 8th international conference on Architectural support for programming languages and operating systems, 1998, Pages 92 - 103 [Find Related Articles]	35
5)	The measured performance of personal computer operating systems; J. B. Chen, Y. Endo, K. Chan, D. Mazieres, A. Dias, M. Seltzer and M. D. Smith; Proceedings of the fifteenth ACM symposium on Operating systems principles, 1995, Pages 299 - 313 [Find Related Articles]	29
6)	The network architecture of the Connection Machine CM-5 (extended abstract); Charles E. Leiserson, Zahi S. Abuhamdeh, David C. Douglas, Carl R. Feynman, Mahesh N. Ganmukhi, Jeffrey V. Hill, Daniel Hillis, Bradley C. Kuszmaul, Margaret A. St. Pierre, David S. Wells, Monica	28

	C. Wong, Shaw-Wen Yang and Robert Zak; 4th annual ACM symposium on Parallel algorithms and architectures, 1992, Pages 272 - 285 [Find Related Articles]	
7)	Early experience with message-passing on the SHRIMP multicomputer; Edward W. Felten, Richard D. Alpert, Angelos Bilas, Matthias A. Blumrich, Douglas W. Clark, Stefanos N. Damianakis, Cezary Dubnicki, Liviu Iftode and Kai Li; Proceedings of the 23rd annual international symposium on Computer architecture, 1996, Pages 296 - 307 [Find Related Articles]	21
8)	The IBM token-ringa functional perspective; Michael Willett; Proceedings of 1986 fall joint computer conference on Fall joint computer conference, 1986, Pages 489 - 497 [Find Related Articles]	21
9)	<u>Trading packet headers for packet processing</u> ; Girish P. Chandranmenon and George Varghese; <i>Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication</i> , 1995, Pages 162 - 173 [Find Related Articles]	16
10)	<u>Trading packet headers for packet processing</u> ; Girish P. Chandranmenon and George Varghese; <i>IEEE/ACM Trans. Networking</i> 4, 2 (Apr. 1996), Pages 141 - 152 [Find Related Articles]	16
11)	<u>Design of an ATM-FDDI gateway</u> ; Sanjay Kapoor and Gurudatta M. Parulkar; <i>Proceedings of the conference on Communications architecture & protocols</i> , 1991, Pages 173 - 183 [<u>Find Related Articles</u>]	14
12)	Software support for outboard buffering and checksumming; Karl Kleinpaste, Peter Steenkiste and Brian Zill; Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication, 1995, Pages 87 - 98 [Find Related Articles]	14
13)	Mark IIIfp hypercube concurrent processor architecture; J. Tuazon, J. Peterson and M. Pniel; <i>Proceedings of the third conference on Hypercube concurrent computers and applications (Vol. 1)</i> , 1988, Pages 71 - 80 [Find Related Articles]	14
14)	An interview with Gordon Bell; Karen A. Frenkel; interactions 2, 4 (Oct. 1995), Pages 66 - 79 [Find Related Articles]	14
15)	Limits to low-latency communication on high-speed networks; Chandramohan A. Thekkath and Henry M. Levy; ACM Trans. Comput. Syst. 11, 2 (May. 1993), Pages 179 - 203 [Find Related Articles]	12
16)	Disco: running commodity operating systems on scalable multiprocessors; Edouard Bugnion, Scott Devine, Kinshuk Govil and Mendel Rosenblum; ACM Trans. Comput. Syst.	12

.

15, 4 (Nov. 1997), Pages 412 - 447 [Find Related Articles] 12 17) High-quality multimedia conferencing through a long-haul packet network; Chip Elliot; Proceedings of the conference on Multimedia '93 , 1993, Pages 91 - 98 [Find Related Articles] 12 18) The wireless Net; Dennis Fowler; netWorker 1, 2 (Jul. 1997). Pages 24 - 34 [Find Related Articles] 12 19) VISA: Netstation's virtual Internet SCSI adapter; Rodney Van Meter, Gregory G. Finn and Steve Hotz; Proceedings of the 8th international conference on Architectural support for programming languages and operating systems, 1998, Pages 71 - 80 [Find Related Articles] 12 20) The design and development of a very high speed system bus--the encore Mutlimax nanobus; David J. Schanin; Proceedings of 1986 fall joint computer conference on Fall ioint computer conference, 1986, Pages 410 - 418 [Find Related Articles] 12 21) Bringing the high end to the low end: high performance device drivers of the Linux PC; Robert Geist and James Westall; Proceedings of the 36th annual conference on Southeast regional conference, 1998, Pages 251 - 260 [Find Related Articles] 7 Parallel algorithm research at CERFACS; lain S. Duff; Proceedings on Supercomputing '90, 1990, Pages 536 -542 [Find Related Articles] 7 23) Reliable broadcast algorithms for HARTS; Dilip D. Kandlur and Kang G. Shin; ACM Trans. Comput. Syst. 9, 4 (Nov. 1991), Pages 374 - 398 [Find Related Articles] 7 24) Microcomputer systems I: a computer science and engineering capstone course; Donald J. Ewing; Proceedings of the twenty-fourth SIGCSE technical symposium on Computer science education, 1993, Pages 155 - 159 [Find Related Articles]

The Digital Library is published by the Association for Computing Machinery. Copyright

go to page: «Back | 1 | 2 | 3 | 4 | 5 | Next»

1999, 2000 ACM, Inc.

library home | list alphabetically | list by SIG | search library | register OL | subscribe DL | feedback